

Figure 1

----- 
$$\alpha_k \cdot \operatorname{Prefix}$$
 OFDM symbol # $k$   $\alpha_{k+1} \cdot \operatorname{Prefix}$  OFDM symbol # $k+1$   $\alpha_{k+2} \cdot \operatorname{Prefix}$  OFDM symbol # $k+2$  ------

 $D$  samples  $N$  samples

Figure 2

Figure 3

Figure 4

Figure 5

$$\begin{bmatrix}
H
\end{bmatrix} = \begin{pmatrix}
h_0 & \rightarrow & h_2 & h_1 \\
h_1 & \searrow & h_3 & h_2 \\
\downarrow & \searrow & \searrow & \downarrow \\
h_{D-1} & \rightarrow & h_1 & h_0
\end{pmatrix}$$

Figure 6

Figure 7

$$\overline{H}_{0} = \begin{pmatrix}
h_{0} & 0 & \rightarrow & \rightarrow & 0 \\
h_{1} & h_{0} & 0 & \searrow & \downarrow \\
\downarrow & \searrow & \searrow & \searrow & \downarrow \\
\downarrow & \searrow & \searrow & \searrow & 0 \\
h_{D-1} & h_{D-2} & \rightarrow & \rightarrow & h_{0}
\end{pmatrix}$$

Figure 8

Figure 9

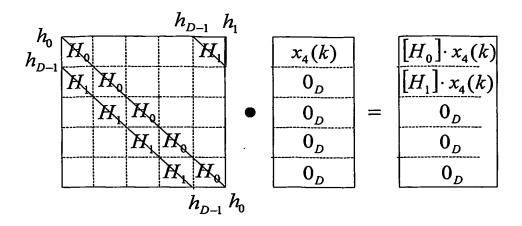


Figure 10

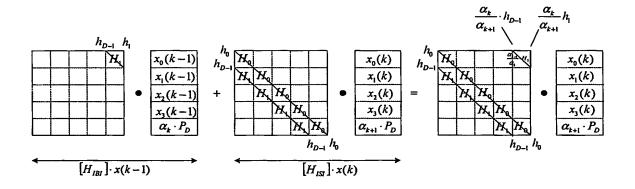


Figure 11

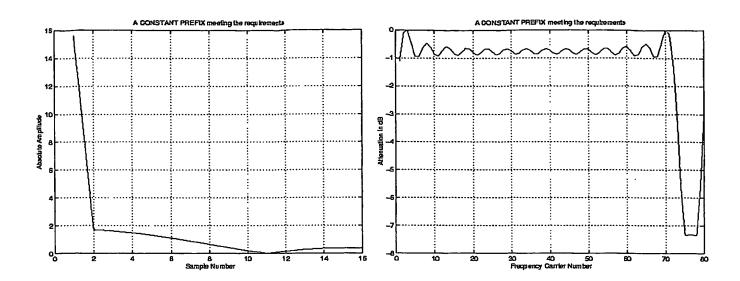


Figure 12